



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Hagerman National Fish Hatchery
3059 D National Fish Hatchery Road
Hagerman, Idaho 83332



MEMORANDUM

February 10, 2011

TO: ARD-Fisheries
Attn: Rich Johnson, Field Supervisor

FROM: Bryan Kenworthy, Project Leader, Hagerman NFH

SUBJECT: January Activity Report

PRODUCTION

Steelhead Brood Year 2010

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
131	Sawtooth	1,180,940	158,348	7.5	7.13
132	East Fork Hatchery	163,701	19,684	8.3	6.88

The steelhead continue to do well and overall monthly mortality remained the same as December at 0.04%. The steelhead are being fed at a Hatchery Constant of 8.0 to reduce dorsal fin erosion problems. The Hatchery Constant will be gradually reduced in February to ensure the size at release meets the goal of 4.5 fpp.

Corie Samson, Idaho Fish Health Center, completed monthly fish health sampling on January 4th.

The Hatchery removed brush from the Riley Lake levee to reduce the habitat for predator and pathogen bearing vermin which travel between Riley Creek and the Hagerman Fish Culture Experiment Station Raceways. This project was one of several projects aimed at preventing another epizootic of Furunculosis in BY2011.



Riley Lake Levee Cleared of Brush

Other items identified to reduce pathogen load for BY2011:

- Vaccinate all steelhead for Furunculosis in July 2011.
- Disinfect pipes, raceways, and other contaminated areas in May 2011.
- Use Idaho Fish Health Center to electrofish or trap outlying areas (Riley Creek and Bickel Drain) and intakes to reduce the number of escaped fish harboring disease.
- Obtain a Migratory Bird Depredation permit to limit cross-contamination between raceways due to Kingfishers which are able to fly past the bird barrier netting.
- Inspect Raceway expansion joints to ensure integrity of the seam repair project conducted in 2010 in order to reduce potential cross contamination between adjoining raceways.

Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
133	Hayspur	132,052	71	1,863	1.05

The Hatchery received triploid rainbow trout eggs from Hayspur Fish Hatchery, Idaho Fish and Game (IDFG), on January 3rd, 2011. Overall hatch rate was 88.54%.

OPERATIONS:

The IDFG completed renovations on Bickle Ditch. The work will reduce ditch loss and improve flow to the Hagerman WMA. While Bickel Ditch was drained, IDFG set gill nets in Oster Lake #1 in an attempt to remove invasive common carp. However, due to the depth of the lake and vegetation cover, they had limited success. The Hatchery and IDFG are working on plans to drain Oster Lake #1 to aid carp removal.

Bickel Ditch Renovations →



The Hatchery hosted a Hagerman Wildlife Management Area (WMA) Coordination Meeting organized by Frank Edelmann, IDFG Hagerman WMA coordinator. The meeting strengthened coordination between the Hatchery and IDFG on management of the Service-owned lands which are part of the Hagerman WMA. The meeting also addressed the Waste Disposal Plan for fish waste applications on the WMA, cooperative clean-up and carp removal at Oster Lake #1, a standardized sign plan for the Hagerman WMA, and a review of the No Hunting/Shooting safety zones.

Adam Leija, Animal Caretaker, attended the Wage Grade Committee conference call.

Bryan Kenworthy, Project Leader, attended the Idaho Aquaculture Association Board meeting.

Nathan Wiese, Assistant Project Leader, participated in the monthly Climate Change Conference call.

Technical Staff from GEO Engineers completed work to determine the extent of PCB contamination due to disposal of the Hatchery #1 building at a private landfill just outside of Hagerman. Carlton Morris, Region 1 Environmental Engineer, oversaw the project.

Inspection of PCB Rubble →

The Hatchery participated in a conference call with the Lower Snake River Compensation Plan, Region 1 Safety, and McMillian Engineering to address the OSHA citations regarding fall protection on the raceway walls. The McMillian staff will travel to the Hatchery in early February to discuss railing and walkway design options.



PERSONNEL/TRAINING/SAFETY

The Hatchery crew attended training conducted by Jeremy Trimpey, Fish Biologist, regarding the Hatchery's BMP and QA/QC Plans for the annual certification of the NPDES permit.

The Hatchery crew along with the Hagerman State Fish Hatchery (IDFG) crew received CPR, AED, and First Aid training for adults.

BC saving "Ambu" →



Andy Eiman, Temporary Animal Caretaker, started work on January 3rd. By the end of January, Andy had landed a fulltime job with a private aquaculture company in Valdez, Alaska. His last day at Hagerman is March 4th. Congratulations Andy! The Hatchery was able to use the same "cert" list from Andy's hiring to find a replacement, Alex Head. Alex came highly recommended from Niagara Springs Fish Hatchery and will start March 7th.

Nathan Wiese accepted the Assistant Project Leader position at Dworshak National Fish Hatchery and will start March 11th. Now, we'll see if he can avoid the crew dunking ceremony until then.....

OUTREACH

Nathan Wiese conducted a tour for College of Southern Idaho (College) fisheries students. Among the students was Sean Ackley who will become the Hatchery's FY2011 student intern under cooperative agreement with the College and the Idaho Aquaculture Association.

The Hatchery had 5 guests, 2 tours (Burley Boy Scout Troop #124 and College of Southern Idaho fisheries students), and 74 visitors sign the registry for a total of 97 visitors. One particularly unruly guest claimed that he had previously worked for the Fish and Wildlife Service.....Ray Bransin.... Brunsan... Brainsun..... does anyone know this guy??



Bryan Kenworthy and a happy Retiree!

MAINTENANCE

- Conducted annual Lead, Copper, Nitrate and Nitrite test of domestic water system.
- Traveled to Magic Valley Fish Hatchery to change PIT tag trailer from 240 volt to 480 volt system.
- Replaced worn drive belt on lower deck cablevey feed system and adjusted tension.
- Serviced backhoe with oil change, lubrication, drained fuel/water separators and new air filter.
- Changed urinal flush valve in visitor center men's room.
- Repaired bathroom stall brackets in visitor center women's room.
- Replaced leaky flush valve in Hatchery 1 men's room.
- Relocated PIT tag trailer from Magic Valley FH to Niagara Springs FH.
- Completed annual service on Manlift.
- Serviced Beaver wood chipper.
- Removed problem ceramic oxygen diffusers from all fish transports and matched low flow and high flow diffusers for better efficiency.
- Plumbed liquid oxygen bottle to Low Head Oxygenator with regulator and flow meter.

- Replaced 125 amp breaker/safety cutoff switch at quarters 6 and tightened all lugs.
- Welded two stainless steel brackets for dissolved oxygen loggers.
- Welded broken lily pad handle on fish transport 910.
- Fastened oxygen diffusers in all four fish transports.
- Lubed Oster Lake pumps with polymer based grease.
- Relocated oxygen pressure sensors to accommodate voltage interlock on fish transport 910.
- Repaired door closer on Hatchery Building 2.